Applicant: William Shaw Attorney's Docket No.: 10527-0455001 / 02-312

Serial No.: 10/762,816 Filed: January 22, 2004

Page : 2 of 6

Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1-18. (Canceled)

19. (Currently amended) A medical device, comprising:

a structure comprising at least two fibers, the at least two fibers including a first fiber and a second fiber, the first fiber being a ceramic fiber; and, the second fiber being a non-ceramic fiber comprising stainless steel, a nickel-titanium alloy, or a combination thereof, wherein the ceramic fiber is intertwined with the non-ceramic fiber, and the device is in the form of a stent, a stent-graft, or a graft.

- 20. (Original) The device of claim 19, wherein each dimension of the ceramic fiber is equal to or greater than one micron.
- 21. (Original) The device of claim 19, wherein the non-ceramic fiber comprises stainless steel.
- 22. (Original) The device of claim 19, wherein the non-ceramic fiber comprises a nickel-titanium alloy.
- 23. (Original) The device of claim 19, wherein the ceramic fiber is knitted with the non-ceramic fiber.
- 24. (Original) The device of claim 19, wherein the ceramic fiber is woven with the non-ceramic fiber.

Attorney's Docket No.: 10527-0455001 / 02-312 Applicant: William Shaw

Serial No.: 10/762,816 Filed

: January 22, 2004

: 3 of 6 Page

25. (Original) The device of claim 19, wherein the ceramic fiber comprises a therapeutic agent.

26-32. (Canceled)

- (Previously presented) A medical device, comprising: 33.
- a tubular structure; and
- a polymer element on the tubular structure, wherein the polymer element comprises a ceramic fiber comprising a metalloid and each dimension of the ceramic fiber is equal to or greater than one micron.
 - (Withdrawn) The device of claim 33, in the form of a stent-graft. 34.
- 35. (Original) The device of claim 33, wherein the ceramic fiber is from about ten microns to about 1,000 microns long.
- 36. (Original) The device of claim 33, wherein the ceramic fiber is from about ten microns to about 100 microns long.
- 37. (Original) The device of claim 33, wherein the ceramic fiber is from about one micron to about 50 microns wide.
- 38. (Original) The device of claim 33, wherein the ceramic fiber is about ten microns wide.
- 39. (Original) The device of claim 33, wherein the ceramic fiber has an aspect ratio of from about 5:1 to about 500:1.

Applicant: William Shaw Attorney's Docket No.: 10527-0455001 / 02-312

Applicant: William Shaw Serial No.: 10/762,816 Filed: January 22, 2004

Page : 4 of 6

40. (Original) The device of claim 33, wherein the ceramic fiber has an aspect ratio of from about 5:1 to about 200:1.

41-51. (Canceled)